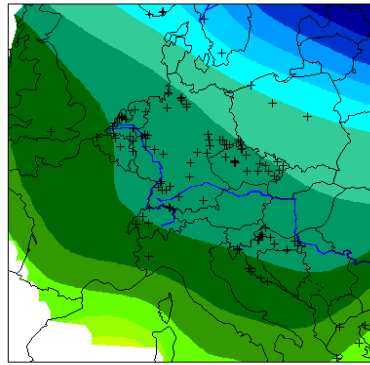
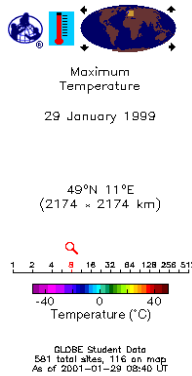


GLOBE Visualizations

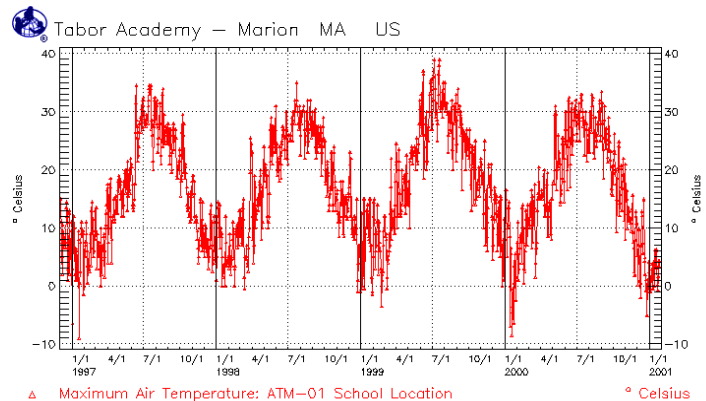
Maps & Graphs

Students can visualize data
in several different ways.

Maps



Graphs



Raw Data

Air Temperature									
YYYYMMDD	LATITUDE	LONGITUDE	ELEVAIN	SITEID	CTTMP	MXTMP	MNTMP		
20000819	64.8497	-147.8268	133.0	ATM-01	10.0	-99.0	-99.0		
20000819	64.8618	-147.7217	203.0	ATM-01	10.0	12.0	4.0		
20000819	38.7777	-120.8897	454.0	ATM-02	32.0	34.0	24.0		
20000819	32.1832	-110.9775	836.0	ATM-01	40.5	40.5	22.5		
20000819	36.5197	-119.5463	27.0	ATM-02	30.5	32.0	-99.0		
20000819	33.7769	-118.0386	7.0	ATM-01	27.0	29.5	14.0		
20000819	39.1167	-105.0167	1647.0	ATM-02	31.0	31.0	18.0		
20000819	31.7535	-106.4733	1165.0	ATM-02	36.0	37.0	20.0		
20000819	31.7694	-106.5066	1154.0	ATM-01	30.0	31.0	20.0		
20000819	48.5467	-117.9044	774.0	ATM-01	20.5	28.0	7.0		
20000819	36.0612	-90.9550	84.0	ATM-02	31.0	33.0	18.0		
20000819	29.0892	-97.2763	68.0	ATM-01	36.5	39.0	22.5		
20000819	36.0906	-94.9200	280.0	ATM-01	29.0	29.0	19.0		
20000819	29.0382	-82.6903	5.0	ATM-01	39.0	39.0	23.0		
20000819	36.3720	-109.6243	1658.0	ATM-02	26.0	31.0	15.0		
20000819	35.9510	-97.2358	278.9	ATM-01	36.0	36.0	19.0		
20000819	35.2969	-94.0361	198.0	ATM-01	32.5	38.5	21.5		
20000819	36.0000	-93.0032	834.0	ATM-01	32.0	38.0	21.0		
20000819	28.1390	-82.5071	8.0	ATM-01	30.0	34.0	23.0		
20000819	34.8982	-96.1000	239.0	ATM-01	35.0	-99.0	-99.0		

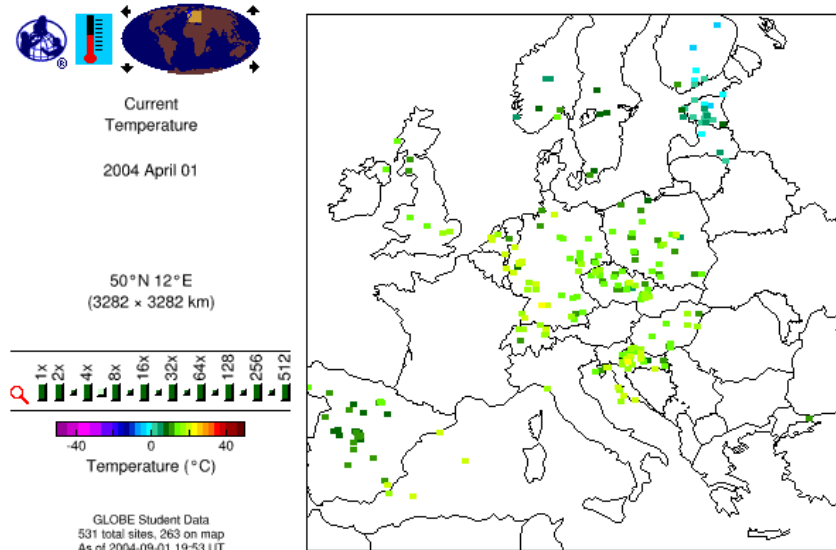


The GLOBE Program

GLOBE Visualizations

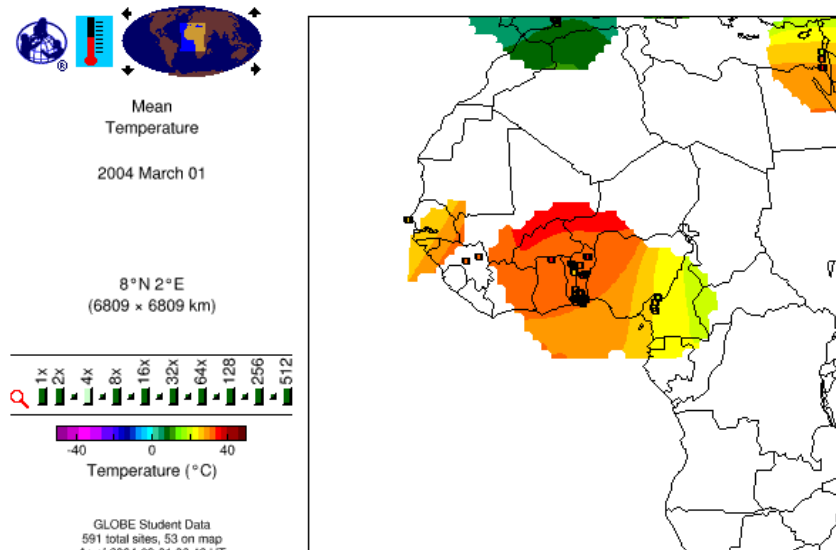


Data can be displayed as individual data in a map.



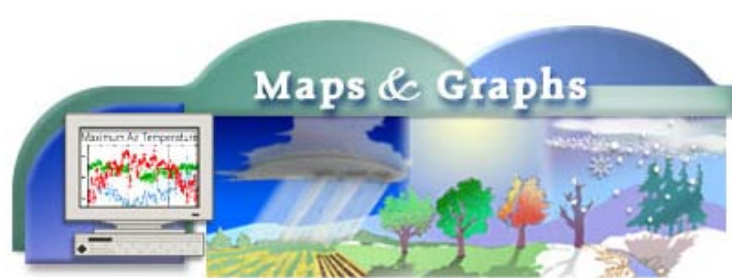
This map displays the current air temperature in Europe on April 1, 2004.

Data can be also displayed as contours in a map.



This map displays the mean air temperature in West Africa on March 1, 2004.

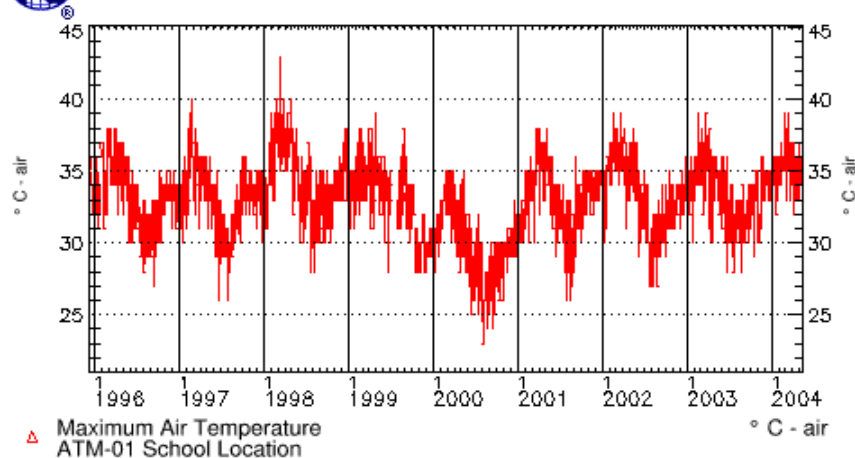
GLOBE Visualizations



GLOBE Student data can also be displayed in graphs.



CEG1 Lokossa-Lokossa, BJ

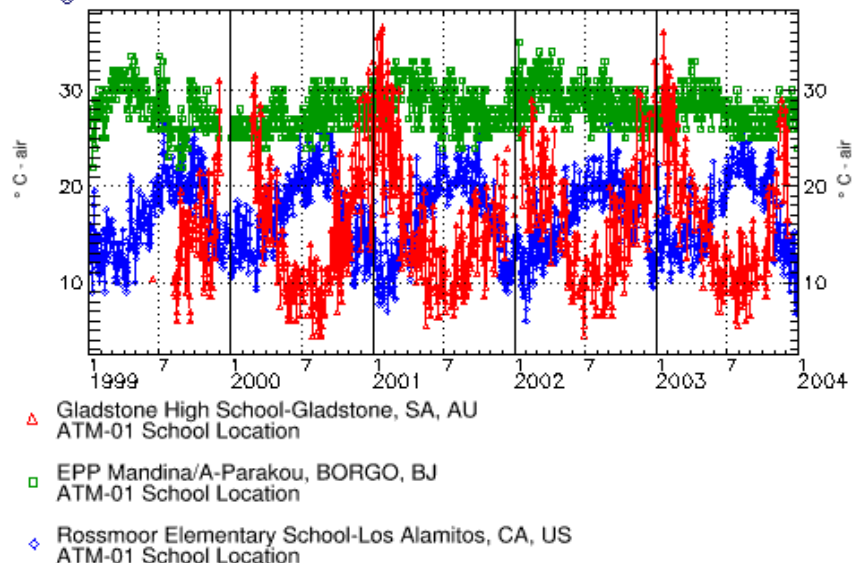


This graph shows maximum air temperature for a school in Benin, West Africa.

Data from up to six schools can be displayed in a graph.



Mean Air Temperature



This graph displays the mean air temperature for schools in Australia, Benin and the United States.

Air temperature and seasonal fluctuations can be seen for both Northern and Southern hemispheres as well as Equatorial.

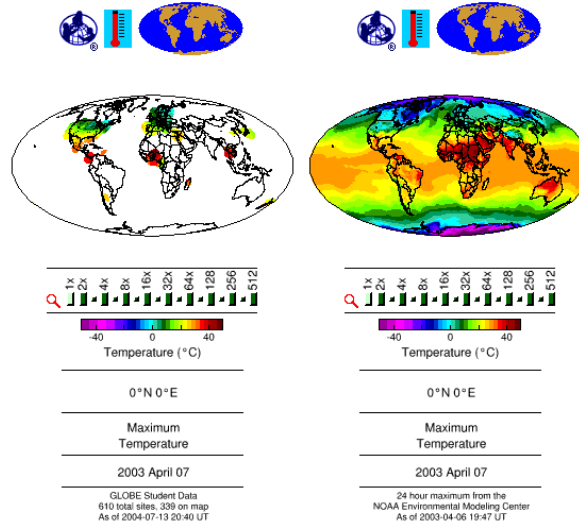


The **GLOBE** Program

GLOBE Visualizations

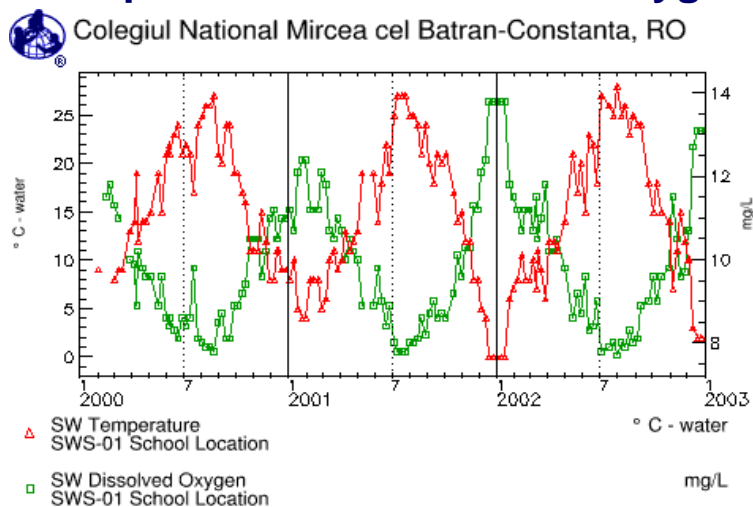


GLOBE Students can compare their data with data from satellite and model data.



This graphic is a comparison of GLOBE student data and NOAA Environmental Modeling Center data for April 7, 2003.

These data show the inverse relationship between water temperature and dissolved oxygen



Chemistry connection: this graph displays what Henry's law states: the solubility of gases generally decreases with increasing temperature.